

RIGID AIR DUCTING FOR RESPIRATOR HOODS AND HELMETS

ABSTRACT OF THE INVENTION

A respirator hood 1 that has an air chamber 6 arranged above the head of a user for
5 delivery of breathable air. The air chamber 6 has an air inlet 13 connected to an air supply
hose 5 and an air outlet 17. The outlet 17 is arranged to direct air away from the eyes of
the user. The air chamber 6 forms an air duct 12 that substantially covers the top of the
hood 1 above the user's head. The duct 12 is collapse-resistant so that the duct shape is
maintained in use and air flow through the duct 12 is substantially unrestricted. As a
10 result, a substantially uniform air flow can be achieved in use, which air flow pattern is
repeatable from day to day and from hood to hood.